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Environmental
Cleanup Office



5129 N. Shirley St. Suite 100 | Ruston, WA 98407

November 16, 2009

Mr. Kevin L. Rochlin
Remedial Project Manager
U.S. Environmental Protection Agency
Region 10
1200 Sixth Avenue, ECL-111
Seattle, WA 98101

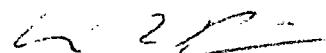
RE: Monthly Report: No. 161, October 2009
Operable Unit No. 02 - Asarco Tacoma Smelter Site

Dear Mr. Rochlin:

Point Ruston is submitting this monthly report per the requirements of paragraph 48 of the Consent Decree for the above referenced site. Point Ruston will continue to provide monthly reports to EPA for the site organized in the same manner as previous reports prepared by Asarco to follow item (a) through (g) of this paragraph.

If you have any questions, please call me.

Sincerely,



Eric Pilcher, P.E.
Project Coordinator

Attachment (2 copies)

cc: Chung Ki Yee - Washington Department of Ecology
Evan Griffiths - CH2MHill (2 copies)
Leslie Ann Rose - Citizens for a Healthy Bay
Karen Pickett - ASARCO

USEPA SF



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Monthly Report 161, October 2009
Operable Unit 02
Asarco Tacoma Smelter Site

A. Actions taken to achieve compliance with the Consent Decree during the previous month.

1. Met with EPA on October 2nd, 16th and 30th.
2. Continued weekly site- maintenance logs (see attached).
3. Maintained clean work area and road.
4. Remedial Action activities continued.
5. Training activities include the following:
 - Site specific Safety Orientation was held for:
 - i. (2) Hydroseeders
 - ii. (4) Glacier NW barge foremen
 - iii. (1) PSC Driver
 - iv. (3) City of Tacoma personnel
 - v. (2) Otto Rosenau personnel
 - vi. (4) Olson Bros. Construction personnel
 - vii. (2) Azure/Green survey crew
 - viii. (1) Point Ruston employee
 - ix. (1) Local #528 union member
 - x. (2) Qwest personnel

B. Summary of sampling, tests, and all other data received or generated by Point Ruston in the previous month.

1. Outfall activities including the following:

Section 2.3 of the Final Statement of Work (SOW) for Remedial Design and Remedial Action – Exhibit F to the Second Amendment requires Point Ruston to continue outfall monitoring. Outfalls will be monitored to determine if the monthly average surface water outfall concentrations for arsenic, copper, and zinc exceed 0.5 ppm at the North and South site outfalls until they are abandoned.

Weekly composite samples will be collected at each outfall during the construction season. During the winter season, outfall samples will be collected every other month. Asarco began the following schedule in May of 2003 which Point Ruston will continue to implement: weekly composite samples will be collected from May-October, and in December, February, and April.

In addition to the North and South Outfalls, Point Ruston resumed monitoring of an existing, upland station near the southeastern end of the car tunnel. This monitoring station is designated OSW2. Samples were collected by Point Ruston on October 5th, 12th, 19th, 26th, and November 2nd. Results from samples collected are attached. There were no exceedances.

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2. Point Ruston collects OCF leachate in a 5,000 gallon polyethylene tank for offsite shipment and disposal. LCRS and LDCRS volumes are monitored weekly in accordance with the draft OCF OMMP. LCRS volumes currently average approximately 118 gallons per day on the LCRS (see attached correspondence and data). 4,500 gallons of leachate were shipped on October 23rd. A sample was collected on October 7th. Results from the sample are attached (5.2ppm).
3. Point Ruston performs perimeter air monitoring at three locations on the site: NW Corner of OCF, OCF Vault #1 (upper vault), South Gate. Results for samples collected from September 28th through October 16th are attached. On October 9th, there was an exceedance at the South Gate. This was documented to EPA on October 26th, as attached. There were no other exceedances.
4. Point Ruston performs personal air monitoring in accordance with WAC 296-848-20060(1) & WAC 296-155-17609(1)(a) to determine if the airborne concentrations of arsenic and lead exceed the PEL. Personal air monitoring was performed on October 8th and 14th during site work activities. Results for samples collected are attached. There were no exceedances.

C. *Work Plans and other deliverables completed and submitted during the previous month.*

1. Plans and Documents included the following:
 - Point Ruston submitted revised public storm sewer work order drawings to Tacoma and Ruston on October 28th. Upon approval, the plans will supersede those included in Appendix B of the Master Infrastructure CMP.
 - Point Ruston submitted revised public sanitary sewer work order drawings to Tacoma and Ruston on October 28th. Upon approval, the plans will supersede those included in Appendix B of the Master Infrastructure CMP.
 - Point Ruston submitted revised infrastructure specifications to Tacoma on October 30th. Upon finalization of infrastructure specs, they will supersede those presently included in Appendix C of the General CMP.
2. Remedial Action included the following tasks:
 - OCF construction activities:
 - Maintained leachate collection system.
 - MRC repaired leachate pipe, which was broken during their placement and compaction of R/NT soils on building site 12.

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Asarcò Tacoma Smelter Site

- Stack Hill construction activities:
 - Maintained erosion and surface water controls; specifically on Commercial Street cul-de-sac area
 - Continued home construction
 - Maintained site perimeter fence and signage at the north end of Stack Hill.
 - Applied hydroseed to exposed slope at former haul road location and lots 14 through 18.
- Site-wide remediation/redevelopment activities:
 - Continued surface water controls
 - Maintained haul roads and stockpiles onsite
 - Maintained erosion and surface water controls
 - Continued monitoring of pre-load for the proposed Ruston Way alignment over the paleochannel.
 - MRC continuing sod stockpile and screening of R/NT soils.
 - Demolished former scale house and constructed a temporary sediment trap to be used for utility trench dewatering.

D. *Actions scheduled for the next six weeks.*

1. Address any new or remaining comments on CMP – Master Infrastructure and Stack Hill Face
2. Address comments on the Upland OMMP
3. Submit Revision 5 of the Construction Health and Safety Plan together with an updated Spanish translation
4. Submit a Sequencing of Development and Occupancy and Temporary Cap Plan
5. Submit Point.Ruston CC&Rs
6. Consolidate PA documents as relevant to current RA plan
7. Meet with Tacoma Metro Parks to discuss the RA for the slag peninsula
8. The following Remedial Action tasks are planned to continue:
RA Monitoring:
 - Outfall sampling (weekly composite samples) during scheduled months
 - Air monitoring during remedial action activities

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Asarco Tacoma Smelter Site

OCF OMMP activities:

- Continue collection of leachate for offsite disposal
- Continue monitoring of leachate volumes

Stack Hill construction activities:

- Erosion controls and site maintenance
- Continue home construction
- Begin face cap installation

Site-wide construction activities:

- Continue surface water controls
- Maintain roads and stockpiles onsite
- Maintain erosion controls
- Construction activities for mass grading and Master Infrastructure
- Installation of deep Public Storm Sewer main in Ruston Way, Private on-site Storm Sewer main and Public Sanitary Sewer main.

E. Percentage completion, unresolved delays encountered or anticipated that may affect schedule, and efforts to mitigate delays.

1. Point Ruston is continuing to work with the City of Tacoma & Town of Ruston to secure permits associated with the Master Infrastructure CMP. Revisions to the storm and sanitary sewer plans, and Project Specifications were submitted to Tacoma & Ruston during the month of October.
2. Point Ruston is coordinating with BNSF and Domestic Realty to secure grade, fill, access and utility rights upon property adjacent to Ruston Way.
3. Shoreline Substantial Development Permits (Tacoma and Ruston) and Conditional Use Permit (Ruston) have been approved in both municipalities.
 - a. An appeal of the city of Tacoma SSDP/CUP has been filed to the State Shoreline Hearing Board.
 - b. All appeals against the Town of Ruston shoreline permit(s) have been concluded.
4. Dock Removal: Point Ruston, through its consultant, Parametrix, is continuing with Endangered Species Act consultation with U.S. Fish and Wildlife Service and National Marine Fisheries Service.

F. Modifications to work plans or schedules proposed to or approved by EPA.

1. The Second Amendment to the Consent Decree was finalized and the sale of the property to Point Ruston LLC completed on October 31, 2006.

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Asarco Tacoma Smelter Site

G. *Activities undertaken to support Community Relations Plan during the previous month and planned for the next four weeks.*

1. Point Ruston is working with the Town of Ruston and City of Tacoma on development plans which incorporate remediation components for the site.
2. Point Ruston is working with MetroParks to incorporate the capping component into the Peninsula Park design, and is in talks to establish a Memorandum of Agreement to engage in design consultation for this site.
3. Point Ruston will meet with the Town of Ruston, City of Tacoma and MetroParks to address operation, maintenance, and monitoring issues at the site.



ENERGY LABORATORIES, INC. * 1120 S 27th St * PO Box 30916 * Billings, MT 59107-0916
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ANALYTICAL SUMMARY REPORT

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NOV 12 2009

November 09, 2009

Tim Rusher
Point Ruston LLC
5219 N Shirley St Ste 100
Tacoma, WA 98407

Workorder No.: B09110181

Project Name: Tacoma Smelter Outfall Samples

Energy Laboratories Inc received the following 15 samples for Point Ruston LLC on 11/3/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B09110181-001	TSM1009405 North	10/05/09 11:34	11/03/09	Aqueous	Metals by ICP/ICPMS, Total Metals Preparation by EPA 200.2
B09110181-002	TSM1009105 South	10/05/09 10:55	11/03/09	Aqueous	Same As Above
B09110181-003	TSM1009205 OSW	10/05/09 10:52	11/03/09	Aqueous	Same As Above
B09110181-004	TSM1009412 North	10/12/09 9:30	11/03/09	Aqueous	Same As Above
B09110181-005	TSM1009112 South	10/12/09 9:13	11/03/09	Aqueous	Same As Above
B09110181-006	TSM1009212 OSW	10/12/09 9:14	11/03/09	Aqueous	Same As Above
B09110181-007	TSM1009419 North	10/19/09 9:17	11/03/09	Aqueous	Same As Above
B09110181-008	TSM1009119 South	10/19/09 8:58	11/03/09	Aqueous	Same As Above
B09110181-009	TSM1009219 OSW	10/19/09 8:59	11/03/09	Aqueous	Same As Above
B09110181-010	TSM1009426 North	10/26/09 9:44	11/03/09	Aqueous	Same As Above
B09110181-011	TSM1009126 South	10/26/09 9:30	11/03/09	Aqueous	Same As Above
B09110181-012	TSM1009226 OSW	10/26/09 9:31	11/03/09	Aqueous	Same As Above
B09110181-013	TSM1009402 North	11/02/09 13:10	11/03/09	Aqueous	Same As Above
B09110181-014	TSM1109102 South	11/02/09 12:55	11/03/09	Aqueous	Same As Above
B09110181-015	TSM1109202 OSW	11/02/09 12:56	11/03/09	Aqueous	Same As Above

Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these test results, please call.

Report Approved By: WJR



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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-001
Client Sample ID: TSM1009405 North

Report Date: 11/09/09
Collection Date: 10/05/09 11:34
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.012	mg/L		0.005	E200.8		11/05/09 03:07 / aje
Copper	ND	mg/L		0.01	E200.8		11/05/09 03:07 / aje
Zinc	ND	mg/L		0.01	E200.8		11/05/09 19:34 / aje

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-002
Client Sample ID: TSM1009105 South

Report Date: 11/09/09
Collection Date: 10/05/09 10:55
DateReceived: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.050	mg/L		0.005	E200.8		11/05/09 03:11 / aje
Copper	ND	mg/L		0.01	E200.8		11/05/09 03:11 / aje
Zinc	0.04	mg/L		0.01	E200.8		11/05/09 19:52 / aje

Report Definitions: RL - Analyte reporting limit.
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MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-003
Client Sample ID: TSM1009205 OSW

Report Date: 11/09/09
Collection Date: 10/05/09 10:52
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.045	mg/L		0.005	E200.8		11/05/09 03:15 / aje
Copper	ND	mg/L		0.01	E200.8		11/05/09 03:15 / aje
Zinc	ND	mg/L		0.01	E200.8		11/05/09 20:15 / aje

Report Definitions: RL - Analyte reporting limit.
Definitions: QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-004
Client Sample ID: TSM1009412 North

Report Date: 11/09/09
Collection Date: 10/12/09 09:30
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.012	mg/L		0.005	E200.8		11/05/09 03:19 / aje
Copper	ND	mg/L		0.01	E200.8		11/05/09 03:19 / aje
Zinc	ND	mg/L		0.01	E200.8		11/05/09 20:19 / aje

Report Definitions: RL - Analyte reporting limit.
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MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-005
Client Sample ID: TSM1009112 South

Report Date: 11/09/09
Collection Date: 10/12/09 09:13
DateReceived: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.041	mg/L		0.005	E200.8		11/05/09 03:23 / aje
Copper	ND	mg/L		0.01	E200.8		11/05/09 03:23 / aje
Zinc	ND	mg/L		0.01	E200.8		11/05/09 20:24 / aje

Report Definitions: RL - Analyte reporting limit.
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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-006
Client Sample ID: TSM1009212 OSW

Report Date: 11/09/09
Collection Date: 10/12/09 09:14
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.049	mg/L		0.005	E200.8		11/05/09 03:27 / aje
Copper	ND	mg/L		0.01	E200.8		11/05/09 03:27 / aje
Zinc	ND	mg/L		0.01	E200.8		11/05/09 21:40 / aje

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-007
Client Sample ID: TSM1009419 North

Report Date: 11/09/09
Collection Date: 10/19/09 09:17
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.013	mg/L		0.005	E200.8		11/05/09 03:31 / aje
Copper	ND	mg/L		0.01	E200.8		11/05/09 03:31 / aje
Zinc	ND	mg/L		0.01	E200.8		11/05/09 21:45 / aje

Report Definitions: RL - Analyte reporting limit.
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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-008
Client Sample ID: TSM1009119 South

Report Date: 11/09/09
Collection Date: 10/19/09 08:58
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.041	mg/L		0.005	E200.8		11/05/09 03:35 / aje
Copper	ND	mg/L		0.01	E200.8		11/05/09 03:35 / aje
Zinc	0.02	mg/L		0.01	E200.8		11/05/09 20:28 / aje

Report Definitions:
Definitions: RL - Analyte reporting limit.
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MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-009
Client Sample ID: TSM1009219 OSW

Report Date: 11/09/09
Collection Date: 10/19/09 08:59
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.036	mg/L		0.005	E200.8		11/05/09 03:39 / aje
Copper	ND	mg/L		0.01	E200.8		11/05/09 03:39 / aje
Zinc	ND	mg/L		0.01	E200.8		11/05/09 20:33 / aje

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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-010
Client Sample ID: TSM1009426 North

Report Date: 11/09/09
Collection Date: 10/26/09 09:44
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.097	mg/L		0.005		E200.8	11/05/09 03:43 / aje
Copper	0.14	mg/L		0.01		E200.8	11/05/09 03:43 / aje
Zinc	0.11	mg/L		0.01		E200.8	11/05/09 21:50 / aje

Report Definitions: RL - Analyte reporting limit.
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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-011
Client Sample ID: TSM1009126 South

Report Date: 11/09/09
Collection Date: 10/26/09 09:30
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.049	mg/L		0.005	E200.8		11/05/09 04:03 / aje
Copper	0.02	mg/L		0.01	E200.8		11/05/09 04:03 / aje
Zinc	0.02	mg/L		0.01	E200.8		11/05/09 22:12 / aje

Report Definitions:
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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-012
Client Sample ID: TSM1009226 OSW

Report Date: 11/09/09
Collection Date: 10/26/09 09:31
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.067	mg/L		0.005	E200.8		11/05/09 04:07 / aje
Copper	0.02	mg/L		0.01	E200.8		11/05/09 04:07 / aje
Zinc	0.01	mg/L		0.01	E200.8		11/05/09 22:17 / aje

Report Definitions: RL - Analyte reporting limit.
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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-013
Client Sample ID: TSM1009402 North

Report Date: 11/09/09
Collection Date: 11/02/09 13:10
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.018	mg/L		0.005	E200.8		11/05/09 04:11 / aje
Copper	0.02	mg/L		0.01	E200.8		11/05/09 04:11 / aje
Zinc	0.01	mg/L		0.01	E200.8		11/05/09 22:21 / aje

Report Definitions:
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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-014
Client Sample ID: TSM1109102 South

Report Date: 11/09/09
Collection Date: 11/02/09 12:55
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.059	mg/L		0.005	E200.8		11/05/09 04:15 / aje
Copper	0.02	mg/L		0.01	E200.8		11/05/09 04:15 / aje
Zinc	0.01	mg/L		0.01	E200.8		11/05/09 22:26 / aje

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LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter Outfall Samples
Lab ID: B09110181-015
Client Sample ID: TSM1109202 OSW

Report Date: 11/09/09
Collection Date: 11/02/09 12:56
Date Received: 11/03/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	0.066	mg/L		0.005	E200.8		11/05/09 04:19 / aje
Copper	0.02	mg/L		0.01	E200.8		11/05/09 04:19 / aje
Zinc	0.01	mg/L		0.01	E200.8		11/05/09 22:30 / aje

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.



ENERGY LABORATORIES, INC. * 1120 S 27th St * PO Box 30916 * Billings, MT 59107-0916
* 406.252.6325 * FAX 406.252.6069

QA/QC Summary Report

Client: Point Ruston LLC

Report Date: 11/09/09

Project: Tacoma Smelter Outfall Samples

Work Order: B09110181

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8									Batch: 42465
Sample ID: MB-42465	Method Blank				Run: ICPMS202-B_091104A				11/04/09 21:47
Arsenic	ND	mg/L	0.0002						
Copper	0.0002	mg/L	0.0001						
Zinc	0.002	mg/L	0.0005						
Sample ID: LCS5-42465	Laboratory Control Sample				Run: ICPMS202-B_091104A				11/04/09 21:51
Arsenic	0.508	mg/L	0.0050	102	85	115			
Copper	0.488	mg/L	0.010	98	85	115			
Zinc	0.478	mg/L	0.010	95	85	115			
Sample ID: B09110152-004AMS5	Sample Matrix Spike				Run: ICPMS202-B_091104A				11/04/09 22:47
Arsenic	0.515	mg/L	0.0050	102	70	130			
Copper	0.484	mg/L	0.010	96	70	130			
Zinc	0.484	mg/L	0.010	94	70	130			
Sample ID: B09110152-004AMSD5	Sample Matrix Spike Duplicate				Run: ICPMS202-B_091104A				11/04/09 22:50
Arsenic	0.516	mg/L	0.0050	102	70	130	0.2	20	
Copper	0.485	mg/L	0.010	96	70	130	0.2	20	
Zinc	0.486	mg/L	0.010	95	70	130	0.3	20	
Sample ID: MB-42465	Method Blank				Run: ICPMS203-B_091105A				11/05/09 20:42
Arsenic	ND	mg/L	5E-05						
Copper	ND	mg/L	0.0001						
Zinc	0.002	mg/L	0.0004						

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Point Ruston LLC

Report Date: 11/09/09

Project: Tacoma Smelter Outfall Samples

Work Order: B09110181

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8	Analytical Run: ICPMS202-B_091104A								
Sample ID: QCS - 090602A,090929B, Initial Calibration Verification Standard	11/04/09 18:15								
Arsenic	0.0472	mg/L	0.0050	94	90	110			
Copper	0.0482	mg/L	0.010	96	90	110			
Method: E200.8	Batch: R138597								
Sample ID: LRB	Method Blank Run: ICPMS202-B_091104A 11/04/09 18:50								
Arsenic	ND	mg/L	3E-05						
Copper	ND	mg/L	8E-05						
Sample ID: LFB	Laboratory Fortified Blank Run: ICPMS202-B_091104A 11/04/09 18:58								
Arsenic	0.0490	mg/L	0.0050	98	85	115			
Copper	0.0529	mg/L	0.010	106	85	115			
Sample ID: B09110167-004AMS	Sample Matrix Spike Run: ICPMS202-B_091104A 11/05/09 02:40								
Arsenic	0.0610	mg/L	0.0010	108	70	130			
Copper	0.0513	mg/L	0.010	101	70	130			
Sample ID: B09110167-004AMSD	Sample Matrix Spike Duplicate Run: ICPMS202-B_091104A 11/05/09 02:43								
Arsenic	0.0613	mg/L	0.0010	109	70	130	0.5	20	
Copper	0.0517	mg/L	0.010	102	70	130	0.9	20	
Sample ID: B09110190-003CMS	Sample Matrix Spike Run: ICPMS202-B_091104A 11/05/09 04:35								
Arsenic	0.0560	mg/L	0.0050	112	70	130			
Copper	0.0513	mg/L	0.010	102	70	130			
Sample ID: B09110190-003CMSD	Sample Matrix Spike Duplicate Run: ICPMS202-B_091104A 11/05/09 04:39								
Arsenic	0.0559	mg/L	0.0050	112	70	130	0.1	20	
Copper	0.0511	mg/L	0.010	102	70	130	0.3	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



QA/QC Summary Report

Client: Point Ruston LLC

Report Date: 11/09/09

Project: Tacoma Smelter Outfall Samples

Work Order: B09110181

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.8	Analytical Run: ICPMS203-B_091105A								
Sample ID: QCS-090602A,090929B,0 Initial Calibration Verification Standard	11/05/09 13:29								
Zinc	0.0515	mg/L	0.010	103	90	110			
Method: E200.8	Batch: R138662								
Sample ID: LRB	Method Blank Run: ICPMS203-B_091105A 11/05/09 14:12								
Zinc	0.001	mg/L	0.0001						
Sample ID: LFB	Run: ICPMS203-B_091105A 11/05/09 14:16								
Zinc	0.0492	mg/L	0.010	96	85	115			
Sample ID: B09110181-001AMS	Run: ICPMS203-B_091105A 11/05/09 19:39								
Zinc	0.0524	mg/L	0.010	93	70	130			
Sample ID: B09110181-001AMSD	Run: ICPMS203-B_091105A 11/05/09 19:43								
Zinc	0.0513	mg/L	0.010	91	70	130	2	20	
Sample ID: B09110273-006BMS	Run: ICPMS203-B_091105A 11/06/09 01:18								
Zinc	0.0568	mg/L	0.010	101	70	130			
Sample ID: B09110273-006BMSD	Run: ICPMS203-B_091105A 11/06/09 01:23								
Zinc	0.0565	mg/L	0.010	101	70	130	0.4	20	

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



ENERGY LABORATORIES, INC. * 1120 S 27th St * PO Box 30916 * Billings, MT 59107-0916
* 406.252.6325 * FAX 406.252.6069

Workorder Receipt Checklist



Point Ruston LLC

B09110181

Login completed by: Leslie S. Cadreau

Date and Time Received: 11/3/2009 9:45 AM

Reviewed by: BL2000\kmcdonald

Received by: Ig

Reviewed Date: 11/5/2009 8:54:08 AM

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature:	14°C		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>

Contact and Corrective Action Comments:

None

OUTFALL'S

CHAIN OF CUSTODY RECORD

**POINT
RUSTON**

5219 N. Shirley St., Suite 100
Phone: 253-752-2185

PROJ. NO		PROJECT NAME		NO. OF CONTAINERS	REMARKS
TACOMA-SMILTER		OUTFALL SAMPLES			
DATE	STA.#	TIME	COMP GRAB	SAMPLE NUMBER	
10/5/09	NORTH	11:34	✓	TSM1009405	1 ✓ BOR110181-001
10/5/09	SOUTH	10:55	✓	TSM1009105	1 ✓ -002
10/5/09	OSW	10:52	✓	TSM1009205	1 ✓ -003
10/12/09	NORTH	9:30	✓	TSM1009412	1 ✓ -004 PLEASE EMAIL RESULTS TO: Tim2@PointRuston.com
10/12/09	SOUTH	9:13	✓	TSM1009112	1 ✓ -005
10/12/09	OSW	9:14	✓	TSM1009217	1 ✓ -006
10/19/09	NORTH	9:17	✓	TSM1009419	1 ✓ -007
10/19/09	SOUTH	8:58	✓	TSM1009119	1 ✓ -008
10/19/09	OSW	8:59	✓	TSM1009219	1 ✓ -009
10/26/09	NORTH	9:44	✓	TSM1009426	1 ✓ -010
10/26/09	SOUTH	9:30	✓	TSM1009126	1 ✓ -011
10/26/09	OSW	9:31	✓	TSM1009226	1 ✓ -012
11/2/09	NORTH	13:10	✓	TSM1009402	1 ✓ -013
11/2/09	SOUTH	12:55	✓	TSM1109102	1 ✓ -014
11/2/09	OSW	12:56	✓	TSM1109202	1 ✓ -015
Relinquished (Signature)		Date/Time	Received by: (Signature)		Lab
		11/2/09 FEDEX			Shipped via: FedEx, UPS or Other _____ Air Bill # _____
Relinquished (Signature)		Date/Time	Received by: (Signature)		Remarks
Relinquished (Signature)		Date/Time	Received for Laboratory by: (Signature)		Date/Time
		11-3-09 9:45	(Tim) Danche		
					Enclosed:
					<input type="checkbox"/> Parameter List with DTLs
					<input type="checkbox"/> Cover Letter
Split Samples: [] Accepted [] Declined					
Signature					

Table 1. Summary of October 2009 Outfall Data for As, Cu, and Zn Compared to SOW Limit

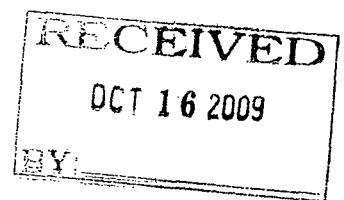
Location	As Conc. ppm	% of SOW Limit*	Cu Conc. ppm	% of SOW Limit*	Zn Conc. ppm	% of SOW Limit*
South Outfall	0.048	9.60%	0.008	1.60%	0.018	3.60%
OSW2	0.053	10.52%	0.008	1.60%	0.004	0.80%
North Outfall	0.030	6.08%	0.007	1.36%	0.024	4.80%

* 0.5 ppm is the limit of As, Cu, and Zn allowed as documented in the SOW.

ANALYTICAL SUMMARY REPORT

October 12, 2009

Point Ruston LLC
5219 N Shirley St Ste 100
Tacoma, WA 98407



Workorder No.: B09100645

Project Name: Tacoma Smelter OCF Leachate

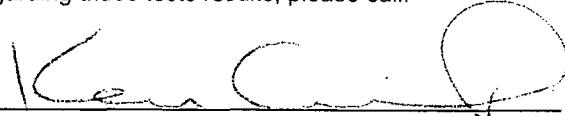
Energy Laboratories Inc received the following 1 sample for Point Ruston LLC on 10/8/2009 for analysis.

Sample ID	Client Sample ID	Collect Date	Receive Date	Matrix	Test
B09100645-001	TSM100907	10/07/09 9:00	10/08/09	Aqueous	Metals by ICP, Total Metals Preparation by EPA 200.2

Any exceptions or problems with the analyses are noted in the Laboratory Analytical Report, the QA/QC Summary Report, or the Case Narrative.

The results as reported relate only to the item(s) submitted for testing.

If you have any questions regarding these tests results, please call.

Report Approved By: A handwritten signature in black ink, appearing to read "Karen C. Smith".

LABORATORY ANALYTICAL REPORT

Client: Point Ruston LLC
Project: Tacoma Smelter OCF Leachate
Lab ID: B09100645-001
Client Sample ID: TSM100907

Report Date: 10/12/09
Collection Date: 10/07/09 09:00
Date Received: 10/08/09
Matrix: Aqueous

Analyses	Result	Units	Qualifiers	RL	MCL/ QCL	Method	Analysis Date / By
METALS, TOTAL							
Arsenic	5.2	mg/L		0.1	E200.7		10/09/09 17:12 / tao

Report Definitions: RL - Analyte reporting limit.
QCL - Quality control limit.

MCL - Maximum contaminant level.
ND - Not detected at the reporting limit.

QA/QC Summary Report

Client: Point Ruston LLC

Report Date: 10/12/09

Project: Tacoma Smelter OCF Leachate

Work Order: B09100645

Analyte	Result	Units	RL	%REC	Low Limit	High Limit	RPD	RPDLimit	Qual
Method: E200.7	Batch: 41967								
Sample ID: MB-41967	Method Blank					Run: ICP202-B_091009A			10/09/09 16:16
Arsenic	ND	mg/L	0.006						
Sample ID: LCS5-41967	Laboratory Control Sample					Run: ICP202-B_091009A			10/09/09 16:20
Arsenic	0.491	mg/L	0.0061	98	85	115			
Sample ID: B09100207-002CMS5	Sample Matrix Spike					Run: ICP202-B_091009A			10/09/09 16:28
Arsenic	0.517	mg/L	0.012	103	70	130			
Sample ID: B09100207-002CMSD5	Sample Matrix Spike Duplicate					Run: ICP202-B_091009A			10/09/09 16:32
Arsenic	0.465	mg/L	0.012	93	70	130	10	20	
Method: E200.7	Analytical Run: ICP202-B_091009A								
Sample ID: ICV	Continuing Calibration Verification Standard								10/09/09 10:36
Arsenic	2.63	mg/L	0.10	105	95	105			

Qualifiers:

RL - Analyte reporting limit.

ND - Not detected at the reporting limit.



ENERGY LABORATORIES, INC. * 1120 S 27th St * PO Box 30916 * Billings, MT 59107-0916
* 406.252.6325 * FAX 406.252.6069 * eli@energylab.com

Workorder Receipt Checklist



Point Ruston LLC

B09100645

Login completed by: Gina McCartney

Date and Time Received: 10/8/2009 9:30 AM

Reviewed by: BL2000\kmcDonald

Received by: aak

Reviewed Date: 10/8/2009 12:04:13 PM

Carrier name: FedEx

Shipping container/cooler in good condition?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Custody seals intact on shipping container/cooler?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Not Present <input checked="" type="checkbox"/>
Custody seals intact on sample bottles?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Present <input type="checkbox"/>
Chain of custody present?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody signed when relinquished and received?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Chain of custody agrees with sample labels?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Samples in proper container/bottle?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sample containers intact?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Sufficient sample volume for indicated test?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
All samples received within holding time?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Container/Temp Blank temperature:	7°C		
Water - VOA vials have zero headspace?	Yes <input type="checkbox"/>	No <input type="checkbox"/>	No VOA vials submitted <input checked="" type="checkbox"/>
Water - pH acceptable upon receipt?	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Not Applicable <input type="checkbox"/>

Contact and Corrective Action Comments:

None

LEACHATE

CHAIN OF CUSTODY RECORD

**POINT
RUSTON**

5219 N. Shirley St., Suite 100 Tacoma, WA 98407
 Phone: 253-752-2185 Fax: 253-752-7083

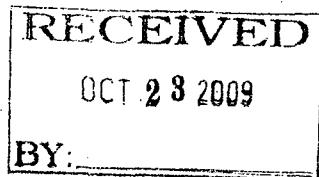
PROJ. NO <i>TACOMA SMELTER</i>	PROJECT NAME <i>OCF - LEACHATE</i>					NO. OF CONTAINERS <i>AS</i>	REMARKS
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER <i>TSM100907</i>		
07/09	LEACHATE	9:00	✓			1 ✓ B09100645-001	<i>WASH ANALYSIS</i>
PLEASE E-MAIL RESULTS TO: <i>Tim2@POINTRUSTON.com</i>							
<i>THANK YOU</i>							
Relinquished (Signature) <i>DR</i>		Date/Time <i>10/7/09 FEDEx</i>	Received by: (Signature)		Lab	Shipped via: FedEx, UPS or Other _____ Air Bill # _____	
Relinquished (Signature)		Date/Time	Received by: (Signature)		Remarks		
Relinquished (Signature)		Date/Time	Received for Laboratory by: (Signature) <i>Paul Clark</i>		Date/Time <i>10/8/09 9:30</i>	Enclosed: <input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter	
					Split Samples: <input checked="" type="checkbox"/> Accepted <input type="checkbox"/> Declined _____	Signature	

*Custody Seal (cm)
200 cm bottle
Temp 70C
Fed air or nitrogen*



SPECTRA Laboratories

2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com



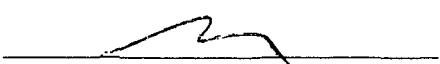
10/20/2009

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring Hi-Vol
Date Received: 10/06/2009
Spectra Project: 2009100099

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8193184	1	Arsenic	< 0.05	µg/m³	SW846 6020A	Filter	09/28/2009
8193184	1	Lead	< 0.05	µg/m³	SW846 6020A	Filter	09/28/2009
8193183	2	Arsenic	< 0.05	µg/m³	SW846 6020A	Filter	09/28/2009
8193183	2	Lead	< 0.05	µg/m³	SW846 6020A	Filter	09/28/2009
8193182	3	Arsenic	< 0.05	µg/m³	SW846 6020A	Filter	09/28/2009
8193182	3	Lead	< 0.05	µg/m³	SW846 6020A	Filter	09/28/2009
8193181	4	Arsenic	< 0.05	µg/m³	SW846 6020A	Filter	09/29/2009
8193181	4	Lead	< 0.05	µg/m³	SW846 6020A	Filter	09/29/2009
8193180	5	Arsenic	< 0.05	µg/m³	SW846 6020A	Filter	09/29/2009
8193180	5	Lead	< 0.05	µg/m³	SW846 6020A	Filter	09/29/2009
8193179	6	Arsenic	< 0.05	µg/m³	SW846 6020A	Filter	09/29/2009
8193179	6	Lead	< 0.05	µg/m³	SW846 6020A	Filter	09/29/2009
8193177	7	Arsenic	< 0.05	µg/m³	SW846 6020A	Filter	09/30/2009
8193177	7	Lead	< 0.05	µg/m³	SW846 6020A	Filter	09/30/2009
8193176	8	Arsenic	< 0.05	µg/m³	SW846 6020A	Filter	09/30/2009
8193176	8	Lead	< 0.05	µg/m³	SW846 6020A	Filter	09/30/2009

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager
a8/scj



SPECTRA Laboratories

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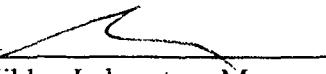
11/16/2009

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring Hi-Vol
Date Received: 10/06/2009
Spectra Project: 2009100099

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8193175	9	Arsenic	< 0.05	µg/m3	SW846 6020A	Filter	09/30/2009
8193175	9	Lead	< 0.05	µg/m3	SW846 6020A	Filter	09/30/2009
8193174	10	Arsenic	< 0.05	µg/m3	SW846 6020A	Filter	10/01/2009
8193174	10	Lead	< 0.05	µg/m3	SW846 6020A	Filter	10/01/2009
8193173	11	Arsenic	< 0.05	µg/m3	SW846 6020A	Filter	10/01/2009
8193173	11	Lead	< 0.05	µg/m3	SW846 6020A	Filter	10/01/2009
8193172	12	Arsenic	< 0.05	µg/m3	SW846 6020A	Filter	10/01/2009
8193172	12	Lead	< 0.05	µg/m3	SW846 6020A	Filter	10/01/2009
8193171	13	Arsenic	< 0.05	µg/m3	SW846 6020A	Filter	10/02/2009
8193171	13	Lead	< 0.05	µg/m3	SW846 6020A	Filter	10/02/2009
8193170	14	Arsenic	< 0.05	µg/m3	SW846 6020A	Filter	10/02/2009
8193170	14	Lead	< 0.05	µg/m3	SW846 6020A	Filter	10/02/2009
8193169	15	Arsenic	< 0.05	µg/m3	SW846 6020A	Filter	10/02/2009
8193169	15	Lead	< 0.05	µg/m3	SW846 6020A	Filter	10/02/2009
8193178	16	Arsenic	< 0.05	µg/m3	SW846 6020A	Filter	09/29/2009
8193178	16	Lead	< 0.05	µg/m3	SW846 6020A	Filter	09/29/2009

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager
a8/bjn

PAGE 1 of 2

CHAIN OF CUSTODY RECORD

POINT
RUSTON



5219 N. Shirley St., Suite 100 Tacoma, WA 98407
Phone: 253-752-2185 Fax: 253-752-7083

2009100899

PROJ. NO	PROJECT NAME		NO. OF CONTAINERS	REMARKS		
	AIR MONITORING TOINT RUSTON, LLC Hi-VOL					
SAMPLERS: (Signature)	<i>[Signature]</i>		R			
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER	
9/28/09	SG		v		8193184	1 ✓
9/28/09	OCF-VI		v		8193183	1 ✓
9/28/09	OCF-NW		v		8193182	1 ✓
9/29/09	SG		v		8193181	1 ✓
9/29/09	OCF-VI		v		8193180	1 ✓
9/29/09	OCF-NW		v		8193179	1 ✓
9/30/09	SG		v		8193177	1 ✓
9/30/09	OCF-VI		v		8193176	1 ✓
9/30/09	OCF-NW		v		8193175	1 ✓
10/1/09	SG		v		8193174	1 ✓
10/1/09	OCF-VI		v		8193173	1 ✓
10/1/09	OCF-NW		v		8193172	1 ✓
10/2/09	SG		v		8193171	1 ✓
10/2/09	OCF-VI		v		8193170	1 ✓
10/2/09	OCF-NW		v		8193169	1 ✓
Relinquished (Signature)			Date/Time	Received by: (Signature)	Lab	Shipped via: FedEx, UPS or Other _____ Air Bill # _____
<i>[Signature]</i>			10/6/09 3:11	<i>Karen Beck</i>	<i>Spectra</i>	
Relinquished (Signature)			Date/Time	Received by: (Signature)	Remarks	
Relinquished (Signature)			Date/Time	Received for Laboratory by: (Signature)	Date/Time	Enclosed:
						<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
Split Samples: []Accepted []Declined _____						
Signature						

PAGE 2 of 2

CHAIN OF CUSTODY RECORD

**POINT
RUSTON**



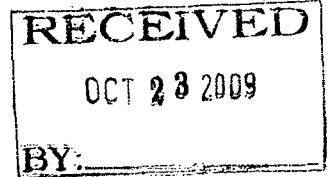
5219 N. Shirley St., Suite 100 Tacoma, WA 98407
Phone: 253-752-2185 Fax: 253-752-7083

PROJ. NO AIR MONITORING	PROJECT NAME POINT RUSTON, LLC H.VOL	NO. OF CONTAINERS <i>AS/PB</i>	REMARKS			
SAMPLERS: (Signature)						
DATE	STA#	TIME	COMP	GRAB	SAMPLE NUMBER	
9/29/09	CONTROL			<input checked="" type="checkbox"/>	8193178	1 ✓
Relinquished (Signature)		Date/Time	Received by: (Signature)	Lab	Shipped via: FedEx, UPS or Other _____ <i>Spectra</i> Air Bill # _____	
<i>[Signature]</i>		10/02/09 3:11	<i>Karen Lignick</i>			
Relinquished (Signature)		Date/Time	Received by: (Signature)	Remarks		
Relinquished (Signature)		Date/Time	Received for Laboratory by: (Signature)	Date/Time	Enclosed:	
					<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter	
Split Samples: []Accepted []Declined _____						



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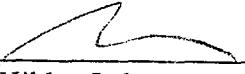
10/22/2009

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)
Date Received: 10/12/2009
Spectra Project: 2009100223

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8193168	1	Arsenic	0.06	µg/m3	SW846 6010B	Filter	10/05/2009
8193168	1	Lead	0.05	µg/m3	SW846 6010B	Filter	10/05/2009
8193167	2	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2009
8193167	2	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2009
8193166	3	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2009
8193166	3	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2009
8193165	4	Arsenic	0.08	µg/m3	SW846 6010B	Filter	10/06/2009
8193165	4	Lead	0.06	µg/m3	SW846 6010B	Filter	10/06/2009
8193164	5	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2009
8193164	5	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2009
8193163	6	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2009
8193163	6	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2009
8193162	7	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/07/2009
8193162	7	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/07/2009
8193161	8	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/07/2009
8193161	8	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/07/2009

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Steve Hibbs, Laboratory Manager
a8/mlh



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10/22/2009

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)
Date Received: 10/12/2009
Spectra Project: 2009100223

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8193160	9	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/07/2009
8193160	9	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/07/2009
8193158	10	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/08/2009
8193158	10	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/08/2009
8193157	11	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/08/2009
8193157	11	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/08/2009
8193156	12	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/08/2009
8193156	12	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/08/2009
8193155	13	Arsenic	0.81	µg/m³	SW846 6010B	Filter	10/09/2009
8193155	13	Lead	0.51	µg/m³	SW846 6010B	Filter	10/09/2009
8193154	14	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/09/2009
8193154	14	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/09/2009
8193153	15	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/09/2009
8193153	15	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/09/2009
8193152	16	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/10/2009
8193152	16	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/10/2009

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Steve Hibbs, Laboratory Manager
a8/mlh

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10/22/2009

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)
Date Received: 10/12/2009
Spectra Project: 2009100223

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8193151	17	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/10/2009
8193151	17	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/10/2009
8193150	18	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/10/2009
8193150	18	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/10/2009
8193159	19	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/08/2009
8193159	19	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/08/2009

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager
a8/mlh

PAGE 1 OF 1

CHAIN OF CUSTODY RECORD

POINT
RUSTON

5219 N. Shirley St., Suite 100 Tacoma, WA 98407
Phone: 253-752-2185 Fax: 253-752-7083



2009100223

PROJ. NO		PROJECT NAME		REMARKS	
AIR MONITORING		POINT RUSTON, LLC H-1BL			
SAMPLERS: (Signature)					
DATE	STA #	TIME	COMP		SAMPLE NUMBER
10/5/09	SG		✓		81931608
10/5/09	CCF-VI		✓		81931607
10/5/09	CCF-NW		✓		81931606
10/6/09	SG		✓		81931605
10/6/09	CCF-VI		✓		81931604
10/6/09	CCF-NW		✓		81931603
10/7/09	SG		✓	81931602	
10/7/09	CCF-VI		✓	81931601	
10/7/09	CCF-NW		✓	81931600	
10/8/09	SG		✓	81931508	
10/8/09	CCF-VI		✓	81931507	
10/8/09	CCF-NW		✓	81931506	
10/9/09	SG		✓	81931505	
10/9/09	CCF-VI		✓	81931504	
10/9/09	CCF-NW		✓	81931503	
Relinquished (Signature)		Date/Time	Received by: (Signature)		
<i>[Signature]</i>		10/12/09 1230	<i>[Signature]</i>		
Received by: (Signature)		Lab	Shipped via: FedEx, UPS or Other _____ Air Bill # _____		
		<i>[Signature]</i>			
Remarks					
Relinquished (Signature)		Date/Time	Received for Laboratory by: (Signature)		
Enclosed:		Date/Time	Enclosed:		
<input type="checkbox"/> Parameter List with DTLs			<input type="checkbox"/> Parameter List with DTLs		
<input type="checkbox"/> Cover Letter			<input type="checkbox"/> Cover Letter		
Split Samples:		Accepted [] Declined _____			
		Signature			

PAGE 2 of 2

CHAIN OF CUSTODY RECORD

POINT
RUSTON



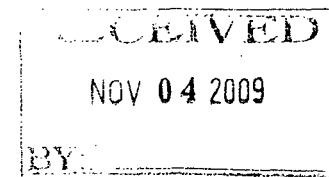
5219 N. Shirley St., Suite 100 Tacoma, WA 98407
Phone: 253-752-2185 Fax: 253-752-7083

PROJ. NO		PROJECT NAME		2009100223		NO. OF CONTAINERS	REMARKS
AIR MONITORING		POINT RUSTON, LLC Hi-VOL					
SAMPLERS: (Signature)							
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER		
10/10/09	SG				8193152	1	
10/10/09	DCF-VI				8193151	1	
10/10/09	DCF-NW				8193150	1	
10/8/09	Control				8193159	1	
Relinquished (Signature)		Date/Time		Received by: (Signature)		Lab	Shipped via: FedEx, UPS or Other _____ Air Bill # _____
<i>[Signature]</i>		10/12/09 1230		<i>[Signature]</i>		<i>[Signature]</i>	
Relinquished (Signature)		Date/Time		Received by: (Signature)		Remarks	
<i>[Signature]</i>							
Relinquished (Signature)		Date/Time		Received for Laboratory by: (Signature)		Date/Time	Enclosed: <input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
<i>[Signature]</i>							
Split Samples: [] Accepted [] Declined _____							
Signature							



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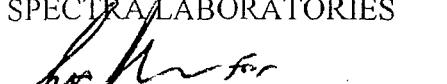
10/30/2009

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)
Date Received: 10/19/2009
Spectra Project: 2009100386

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8193149	1	Arsenic	0.09	µg/m³	SW846 6010B	Filter	10/12/2009
8193149	1	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/12/2009
8193148	2	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/12/2009
8193148	2	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/12/2009
8193147	3	Arsenic	0.07	µg/m³	SW846 6010B	Filter	10/12/2009
8193147	3	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/12/2009
8193146	4	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/13/2009
8193146	4	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/13/2009
8193145	5	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/13/2009
8193145	5	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/13/2009
8193144	6	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/13/2009
8193144	6	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/13/2009
8193143	7	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/14/2009
8193143	7	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/14/2009
8193142	8	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/14/2009
8193142	8	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/14/2009

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Steve Hibbs, Laboratory Manager

a8/scj



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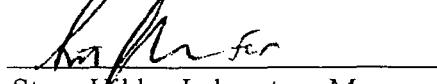
10/30/2009

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)
Date Received: 10/19/2009
Spectra Project: 2009100386

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8193141	9	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/14/2009
8193141	9	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/14/2009
8193140	10	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2009
8193140	10	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2009
8193139	11	Arsenic	0.07	µg/m3	SW846 6010B	Filter	10/15/2009
8193139	11	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2009
8193138	12	Arsenic	0.07	µg/m3	SW846 6010B	Filter	10/15/2009
8193138	12	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2009
8193136	13	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/16/2009
8193136	13	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/16/2009
8193135	14	Arsenic	0.07	µg/m3	SW846 6010B	Filter	10/16/2009
8193135	14	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/16/2009
8193134	15	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/16/2009
8193134	15	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/16/2009
8193137	16	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2009
8193137	16	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/15/2009

SPECTRA LABORATORIES


Steve Hibbs, Laboratory Manager

a8/scj

CHAIN OF CUSTODY RECORD

 5219 N. Shirley St., Suite 100
 Tacoma, WA 98407
 Phone: 253-752-2185
 Fax: 253-752-7083

PROJ. NO		PROJECT NAME		NO. OF CONTAINERS	REMARKS		
AIR MONITORING		POINT RUSTON, LLC				HI-VOL	
SAMPLERS: (Signature)		<i>[Signature]</i>		<i>R</i>			
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER		
10/16/09	SG		✓		8193149	1 ✓	PLEASE E-MAIL RESULTS TO
10/17/09	CF-VI		✓		8193148	1 ✓	
10/17/09	DF-NW		✓		8193147	1 ✓	TIME2@PointRuston.com
10/17/09	SG		✓		8193146	1 ✓	
10/17/09	CF-VI		✓		8193145	1 ✓	
10/18/09	DF-NW		✓		8193144	1 ✓	
10/18/09	SG		✓		8193143	1 ✓	
10/18/09	CF-VI		✓		8193142	1 ✓	
10/19/09	DF-NW		✓		8193141	1 ✓	
10/19/09	SG		✓		8193140	1 ✓	
10/19/09	CF-VI		✓		8193139	1 ✓	
10/19/09	CF-NW		✓		8193138	1 ✓	
10/19/09	SG		✓		8193137	1 ✓	
10/19/09	DF-VI		✓		8193136	1 ✓	
10/19/09	DF-NW		✓		8193135	1 ✓	
10/19/09	CF-NW		✓		8193134	1 ✓	
Relinquished (Signature)		Date/Time		Received by: (Signature) 10/19/09	Lab Spectra	Shipped via: FedEx, UPS or Other _____ Air Bill # _____	
Relinquished (Signature)		Date/Time		Received by: (Signature)	Remarks		
Relinquished (Signature)		Date/Time		Received for Laboratory by: (Signature)	Date/Time	Enclosed: <input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter	
						Split Samples: <input type="checkbox"/> Accepted <input type="checkbox"/> Declined _____	

PAGE 2 OF 2

CHAIN OF CUSTODY RECORD

POINT
RUSTON



5219 N. Shirley St., Suite 100 Tacoma, WA 98407
Phone: 253-752-2185 Fax: 253-752-7083

PROJ. NO		PROJECT NAME						REMARKS						
<u>AIR MONITORING</u>		<u>POINT RUSTON, LLC Hi-VOL</u>												
SAMPLES: (Signature)														
DATE	STA.#	TIME	COMP	GRAB	SAMPLE NUMBER		NO. OF CONTAINERS							
10/15/09	CENTRAL			✓	8193137		1	✓						
Relinquished (Signature)		Date/Time		Received by: (Signature)		Lab	Shipped via: FedEx, UPS or Other _____							
<u>Karl Linn Bink</u>		10/19/09		<u>Karl Linn Bink</u>		<u>Spectra</u>	Air Bill # _____							
Relinquished (Signature)		Date/Time		Received by: (Signature)		Remarks								
Relinquished (Signature)		Date/Time		Received for Laboratory by: (Signature)		Date/Time	Enclosed:							
							<input type="checkbox"/> Parameter List with DTLs							
							<input type="checkbox"/> Cover Letter							
						Split Samples:								
						[] Accepted [] Declined _____								
						Signature								



October 26, 2009

Mr. Kevin L. Rochlin
Remedial Project Manager
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, ECL-111
Seattle, WA 98101

**RE: Notification of Exceedance
OU 02, Former Asarco/Tacoma Smelter Site**

Dear Mr. Rochlin:

Please be advised that our Hi-Vol air monitor sampler near the South Gate recorded an Arsenic concentration level of $0.81\mu\text{g}/\text{m}^3$ during its operation from October 9, 09:05am through October 10, 08:05am. The report was received via email on October 21st.

The following observations were noted during this time period:

Friday, October 9, 2009; Sample Times (09:05am – midnight)

Weather:

- Low 49 degrees / High 59 degrees; NNE winds 4 mph with gusts to 8 mph; no measurable precipitation.

On-site activity:

- No significant on-site activities were conducted in the vicinity of the S. Gate.
- All site workers were off, as they are not currently working on Fridays.
- The building superintendant was working in his office and had 3 visitors in personal vehicles which did not produce any visible dust. However, no subcontractors were working on building construction.
- Honey Bucket performed routine maintenance and housekeeping.
- Daily monitoring activities were conducted by Point Ruston personnel.
- MRC Construction placed soils from the 2009 residential stockpile on lot #11A near the north end of the tunnels. They also performed grading operations on lot #12.
 - Exposure Evaluations were conducted on the previous day for MRC's equipment operators during their work activities under similar conditions. There were no exceedances.

- o Dust control was in use. CH2MHill personnel were onsite, performing oversight and spot checking work activity on behalf of EPA.

Off-site activity:

- The nearest notable offsite activity was MRC's remediation activities at the Point Defiance bowl area. Activities in that area are a significant distance from the Hi-Vol and not believed to have been a factor.

Saturday, October 10, 2009; Sample Times (midnight – 08:05am)

Weather:

- Low 43 degrees / High 56 degrees; NNE winds 4 mph with gusts to 9 mph; 0.16" morning precipitation.

On-site activity:

- No work activity during this time period.

Off-site activity:

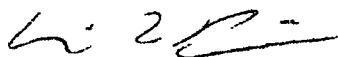
- No known work activity in the area.

The on-site areas near the S. Gate location are capped with clean materials or covered with vegetation. No visible dust was observed begin generated by vehicle traffic or winds during the sample period. A potential likely source is from the un-vegetated off-site areas adjacent to Ruston Way, which from recent testing are known to have elevated concentration levels. No signs of tampering were noted.

While the action evaluation trigger level of $0.2\mu\text{g}/\text{m}^3$ was exceeded, this appears to be an isolated incident during a period when workers were not present. Sample results on the days before and after this period were the typical "Non-Detect" ($<0.05\ \mu\text{g}/\text{m}^3$), well below the trigger level. We will continue to check our Hi-Vol results and inform you of any additional exceedances.

If you have any questions, please contact me at (253) 752-2185 extension 240, or via email to eric@mcconstruction.com.

Sincerely,



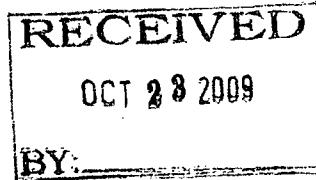
Eric L. Pilcher, P.E.
RA Coordinator/Development Project Engineer

cc: Loren Cohen, Point Ruston
Gary Pedersen, Point Ruston

encl.

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10/22/2009

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)
Date Received: 10/12/2009
Spectra Project: 2009100223

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8193168	1	Arsenic	0.06	µg/m3	SW846 6010B	Filter	10/05/2009
8193168	1	Lead	0.05	µg/m3	SW846 6010B	Filter	10/05/2009
8193167	2	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2009
8193167	2	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2009
8193166	3	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2009
8193166	3	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/05/2009
8193165	4	Arsenic	0.08	µg/m3	SW846 6010B	Filter	10/06/2009
8193165	4	Lead	0.06	µg/m3	SW846 6010B	Filter	10/06/2009
8193164	5	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2009
8193164	5	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2009
8193163	6	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2009
8193163	6	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/06/2009
8193162	7	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/07/2009
8193162	7	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/07/2009
8193161	8	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/07/2009
8193161	8	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/07/2009

SPECTRA LABORATORIES


Steve Hibbs, Laboratory Manager

SPECTRA Laboratories

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10/22/2009

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)
Date Received: 10/12/2009
Spectra Project: 2009100223

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8193160	9	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/07/2009
8193160	9	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/07/2009
8193158	10	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/08/2009
8193158	10	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/08/2009
8193157	11	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/08/2009
8193157	11	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/08/2009
8193156	12	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/08/2009
8193156	12	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/08/2009
8193155	13	Arsenic	0.81	µg/m³	SW846 6010B	Filter	10/09/2009
8193155	13	Lead	0.51	µg/m³	SW846 6010B	Filter	10/09/2009
8193154	14	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/09/2009
8193154	14	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/09/2009
8193153	15	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/09/2009
8193153	15	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/09/2009
8193152	16	Arsenic	< 0.05	µg/m³	SW846 6010B	Filter	10/10/2009
8193152	16	Lead	< 0.05	µg/m³	SW846 6010B	Filter	10/10/2009

SPECTRA LABORATORIES

Steve Hibbs, Laboratory Manager

SPECTRA Laboratories

2221 Ross Way • Tacoma, WA 98421 • (253) 272-4850 • Fax (253) 572-9838 • www.spectra-lab.com

10/22/2009

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Air Monitoring (Hi-Vol)
Date Received: 10/12/2009
Spectra Project: 2009100223

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>	<u>Matrix</u>	<u>Date Sampled</u>
8193151	17	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/10/2009
8193151	17	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/10/2009
8193150	18	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/10/2009
8193150	18	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/10/2009
8193159	19	Arsenic	< 0.05	µg/m3	SW846 6010B	Filter	10/08/2009
8193159	19	Lead	< 0.05	µg/m3	SW846 6010B	Filter	10/08/2009

SPECTRA LABORATORIES


Steve Hibbs, Laboratory Manager

PAGE 1 OF 2

**POINT
RUSTON**



1 OF CUSTODY RECORD

2009100223

5219 N. Shirley St., Suite 100 Tacoma, WA 98407
Phone: 253-752-2185 Fax: 253-752-7083

NO	PROJECT NAME					NO. OF CONTAINERS	REMARKS
	MONITORING	Point Ruston, LLC Hi-HBL					
LETERS: (Signature)							
E	STA#	TIME	COMP	GRAB	SAMPLE NUMBER		
19	SG		/		8193168	1	✓
19	OCF-VI		/		8193167	1	✓
19	OCF-NW		/		8193166	1	✓
19	SG		/		8193165	1	✓
09	OCF-VI		/		8193164	1	✓
19	OCF-NW		/		8193163	1	✓
19	SG		/		8193162	1	✓
19	OCF-VI		/		8193161	1	✓
19	OCF-NW		/		8193160	1	✓
19	SG		/		8193158	1	✓
19	OCF-VI		/		8193157	1	✓
19	OCF-NW		/		8193156	1	✓
19	SG		/		8193155	1	✓
19	OCF-VI		/		8193154	1	✓
19	OCF-NW		/		8193153	1	✓
Quaranteed (Signature)		Date/Time	Received by: (Signature)		Lab	Shipped via: FedEx, UPS or Other _____ Air Bill # _____	
		10/12/09 1230			Spectra		
Quaranteed (Signature)		Date/Time	Received by: (Signature)		Remarks		
Quaranteed (Signature)		Date/Time	Received for Laboratory by: (Signature)		Date/Time	Enclosed:	
						<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter	
Quaranteed (Signature)		Date/Time	Received for Laboratory by: (Signature)		Date/Time	Enclosed:	
						<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter	
Split Samples: [] Accepted [] Declined _____							
Signature _____							

PAGE 2 of 2

OF CUSTODY RECORD

2009100223

POINT **RUSTON**



5219 N. Shirley St., Suite 100 Tacoma, WA 98407
Phone: 253-752-2185 Fax: 253-752-7083

SPECTRA Laboratories

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RECEIVED
OCT 20 2009
BY:

10/19/2009

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407
Attn: Tim

P.O.#: Lot 11A
Project: MRC Placement
Sample Matrix: Air Cassette
Date Sampled: 10/09/2009
Date Received: 10/09/2009
Spectra Project: 2009100190

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
100809-719	1	Arsenic	0.12	µg/m³	SW846 6020A
100809-719	1	Lead	0.22	µg/m³	SW846 6020A
100809-123	2	Arsenic	0.62	µg/m³	SW846 6020A
100809-123	2	Lead	1.0	µg/m³	SW846 6020A

SPECTRA LABORATORIES


Steve Hibbs, Laboratory Manager

a7/scj

CHAIN OF CUSTODY RECORD

100809-0190

**POINT
RUSTON**

 5219 N. Shirley St., Suite 100 Tacoma, WA 98407
 Phone: 253-752-2185

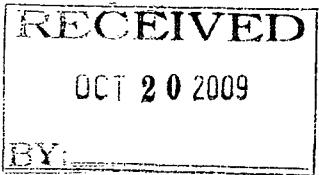
Fax: 253-752-7083

PROJ. NO		PROJECT NAME		NO. OF CONTAINERS	REMARKS
LOT 11A		MRC PLACEMENT			
DATE	STA #	TIME	COMP	GRAB	SAMPLE NUMBER
10/08/09				<input checked="" type="checkbox"/>	100809-719
10/08/09				<input checked="" type="checkbox"/>	100809-123
Relinquished (Signature)		Date/Time	Received by: (Signature)		Lab 10/09/09 Spectra 9:30a
Relinquished (Signature)		Date/Time	Received by: (Signature)		Shipped via: FedEx, UPS or Other _____ Air Bill # _____
Relinquished (Signature)		Date/Time	Received for Laboratory by: (Signature)		Remarks
					Date/Time Enclosed:
					<input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter
Split Samples: [] Accepted [] Declined _____					
Signature					



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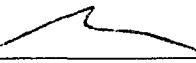
10/19/2009

Point Ruston
5219 N. Shirley St.,
Suite 100
Tacoma, WA 98407

Project: Scale Demo.
Sample Matrix: Air Cassette
Date Sampled: 10/14/2009
Date Received: 10/15/2009
Spectra Project: 2009100317

<u>Client ID</u>	<u>Spectra #</u>	<u>Analyte</u>	<u>Result</u>	<u>Units</u>	<u>Method</u>
101409-123	1	Arsenic	0.18	µg/m ³	SW846 6020A
101409-123	1	Lead	0.072	µg/m ³	SW846 6020A
101409-646	2	Arsenic	0.11	µg/m ³	SW846 6020A
101409-646	2	Lead	0.12	µg/m ³	SW846 6020A
101409-719	3	Arsenic	0.025	µg/m ³	SW846 6020A
101409-719	3	Lead	0.032	µg/m ³	SW846 6020A

SPECTRA LABORATORIES



Steve Hibbs, Laboratory Manager

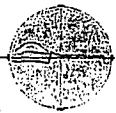
a7/sej

CHAIN OF CUSTODY RECORD

2009100317

POINT RUSTON

5219 N. Shirley St., Suite 100
Phone: 253-752-2185



PROJ. NO AIR MONITORING	PROJECT NAME SCALE DEMO.												
SAMPLERS: (Signature)						REMARKS							
DATE	STA#	TIME	COMP	GRAB	SAMPLE NUMBER	NO. OF CONTAINERS	HS/PB						
10/14/09				✓	101409 - 1L5	1	✓						HG/FILTER PRECISION
10/14/09				✓	101409 - 646	1	✓						
10/14/09				✓	101409 - 719	1	✓						PLEASE E-MAIL RESULTS
													To: TIM.D@POINTRUSTON.COM
Relinquished (Signature)			Date/Time	Received by: (Signature) 10/15/09 <i>Kwoligh Beck</i> 10:50		Lab	Shipped via: FedEx, UPS or Other _____ Air Bill # _____						
Relinquished (Signature)			Date/Time	Received by: (Signature)		Remarks							
Relinquished (Signature)			Date/Time	Received for Laboratory by: (Signature)		Date/Time	Enclosed: <input type="checkbox"/> Parameter List with DTLs <input type="checkbox"/> Cover Letter						
							Split Samples: <input type="checkbox"/> Accepted <input type="checkbox"/> Declined _____						

*Point
Ruston*

Weekly Site Inspection Report No. 2009-0920
 Week of 9/20 - 26, 2009 Inspector Tim RUSHER

Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION	NEED REPAIR?	COMMENTS/OBSERVATIONS	
Gates: 51 st North (electric) South (electric) Pond Peninsula 54 th (Other) elec.	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	G	F	P	Y N
Signage: Gates Perimeter Safety (Other)	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	G	F	P	Y (N)
Public Streets: Ruston Way 51 st & Gallagher Stack Hill (Other)	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	G	F	P	Y N
BMPs: Berms Waddles Silt Fence (Other)	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	G	F	P	Y N
Strom drains clean: Lower Site Stack Hill	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
Stockpiles: Envirotac II Plastic Packed Grass	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
Dust: Traffic areas Excavation area (Other)	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	G	F	P	Y N
Fencing: Site Perimeter Zone Separation (Other)	(G)	F	P	Y (N)
	(G)	F	P	Y (N)
	G	F	P	Y N

Weekly Site Inspection Report No. 2009-0920
Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION			NEED REPAIR?	COMMENTS/OBSERVATIONS
Docks:					
Barriers	G	F	P	Y	(N)
Signs	G	F	P	Y	(N)
(Other)	G	F	P	Y	N
Cameras:					
STACK HILL	G	(F)	P	Y	(N)
LOWER SITE	G	F	(P)	(Y)	N
	G	F	P	Y	N
Health & Safety Plans:					
Site Superintendent	G	(F)	P	(Y)	N
Construction Super.	G	(F)	P	(Y)	N
Other	G	F	P	Y	N

G=Good F=Fair P=Poor Y=Yes N=No

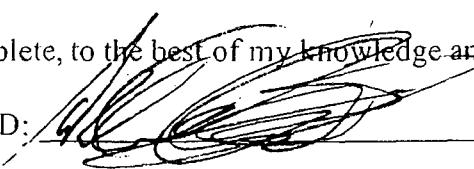
Misc. notes:

WEATHER:

Day of Week	Summary of Weather Conditions
Sunday 20	47°/66° NNE WINDS 3 MPH/GUST 7 MPH, NO PRECIPITATION
Monday 21	49°/68° NE WINDS 4 MPH/GUST 8 MPH, NO PRECIPITATION
Tuesday 22	53°/62° NNE WINDS 3 MPH/GUST 5 MPH, NO PRECIPITATION
Wednesday 23	55°/61° SSW WINDS 4 MPH/GUST 8 MPH, NO PRECIPITATION
Thursday 24	57°/65° NNEWINDS 3 mph/GUST 4 mph, NO PRECIPITATION
Friday 25	48°/67° NE WINDS 4 MPH/GUST 6 mph, NO PRECIPITATION
Saturday 26	50°/60° NNE WINDS 3 MPH/GUST 7 MPH NO PRECIPITATION

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 9/28/09

SIGNED: 

Title/Qualification of Inspector: CONSTRUCTION OVERSIGHT /HEALTH & SAFETY OFCR.

*Point
Ruston*

Weekly Site Inspection Report No. 2009-1004

Week of 10/4 - 10, 2009

Inspector Tim RUSHER, Sr.

Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
Gates:					
North (electric)	(G)	F	P	Y	(N)
South (electric)	(G)	F	P	Y	(N)
Pond	(G)	F	P	Y	(N)
Peninsula	(G)	F	P	Y	(N)
54TH (Other) <i>Electric</i>	(G)	F	P	Y	(N)
Signage:					
Gates	(G)	F	P	Y	(N)
Perimeter	(G)	F	P	Y	(N)
Safety	(G)	F	P	Y	(N)
(Other)	G	F	P	Y	N
Public Streets:					
Ruston Way	(G)	F	P	Y	(N)
51 st & Gallagher	(G)	F	P	Y	(N)
Stack Hill	(G)	F	P	Y	(N)
(Other)	G	F	P	Y	N
<i>M.C. Cons. MONITORING SUBS.</i>					
BMPs:					
Berms	(G)	F	P	Y	(N)
Waddles	(G)	F	P	Y	(N)
Silt Fence	(G)	F	P	Y	(N)
(Other)	G	F	P	Y	N
Strom drains clean:					
Lower Site	(G)	F	P	Y	(N)
Stack Hill	(G)	F	P	Y	(N)
Stockpiles:					
Envirotac II	(G)	F	P	Y	(N)
Plastic	(G)	F	P	Y	(N)
Packed	(G)	F	P	Y	(N)
Grass	(G)	F	P	Y	(N)
Dust:					
Traffic areas	(G)	F	P	Y	(N)
Excavation area	(G)	F	P	Y	(N)
(Other)	G	F	P	Y	N
Fencing:					
Site Perimeter	(G)	F	P	Y	(N)
Zone Separation	(G)	F	P	Y	(N)
(Other)	G	F	P	Y	N

Weekly Site Inspection Report No. 2009-1004
Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION			NEED REPAIR?	COMMENTS/OBSERVATIONS
Docks:					
Barriers	G	F	P	Y	(N)
Signs (Other)	G	F	P	Y	(N)
	G	F	P	Y	N
Cameras:					
SH # 32	G	F	P	Y	(N)
	G	F	P	Y	N
	G	F	P	Y	N
Health & Safety Plans:					
Site Superintendent	G	(F)	P	(Y)	N NEED TO COMPLETE V. S. &
Construction Super.	G	(F)	P	(Y)	N
MASTER Other Copy	G	(F)	P	(Y)	N

G=Good F=Fair P=Poor Y=Yes N=No

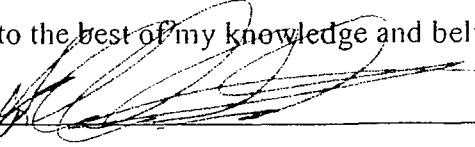
Misc. notes:	LEACHATE PIPE BROKEN WHILE GRADING LOT #12 (BETW VARS #1 + TANK) MRC REPAIRED.

WEATHER:

Day of Week	Summary of Weather Conditions
Sunday 4	50° H 1 NE WINDS 5 mph/GUST 10 mph, NO PRECIPITATION
Monday 5	42° H 03 NE WINDS 4 mph/GUST 7 mph, NO PRECIPITATION
Tuesday 6	41° H 05 SWN WINDS 4 mph/GUST 8 mph, NO PRECIPITATION
Wednesday 7	44° H 60 NE WINDS 4 mph/GUST 10 mph, NO PRECIPITATION
Thursday 8	42° H 60 NNE WINDS 4 mph/GUST 6 mph, NO PRECIPITATION
Friday 9	49° H 59 NNE WINDS 4 mph/GUST 8 mph, NO PRECIPITATION
Saturday 10	43° H 56 NNE WINDS 4 mph/GUST 9 mph, PRECIP. MORNING @ 6"

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 10/12/09

SIGNED: 

Title/Qualification of Inspector: CONSTRUCTION OVERSIGHT / HEALTH + SAFETY OFFICER

Point
Ruston

Weekly Site Inspection Report No. 2009-1011
 Week of 10/11 - 17, 2009 Inspector Tim RUSHER, SR.
 Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION	NEED REPAIR?	COMMENTS/OBSERVATIONS
Gates:			
North (electric)	(G) F P Y	(N)	
South (electric)	(G) F P Y	(N)	Now Locking Outer Perimeter Gate
Pond	(G) F P Y	(N)	
Peninsula	(G) F P Y	(N)	
64th (Other) ^{ELECTRIC}	(G) F P Y	(N)	
Signage:			
Gates	(G) F P Y	(N)	
Perimeter	(G) F P Y	(N)	
Safety	(G) F P Y	(N)	
(Other)	G F P Y	N	
Public Streets:			
Ruston Way	(G) F P Y	(N)	
51 st & Gallagher	(G) F P Y	(N)	
Stack Hill	G (F) P (Y)	N	RAIN EVENT ON 10/17/09 CAUSED SOME EROSION
(Other) ^{SEE NOTE}	G F P Y	N	ON PRIVATE ASPHALT BTWN COMMERCIAL
BMPs:			
Bermis	(G) F P Y	(N)	
Waddles	(G) F P Y	(N)	
Silt Fence	(G) F P Y	(N)	
(Other)	G F P Y	N	
Strom drains clean:			
Lower Site	(G) F P Y	(N)	
Stack Hill ^{NOTE}	G (F) P (Y)	N	C.B. @ BOTTOM OF HILL NEEDS CHECKED
Stockpiles:			
Envirotac II	(G) F P Y	(N)	
Plastic	(G) F P Y	(N)	
Packed	(G) F P Y	(N)	
Grass	(G) F P Y	(N)	
Dust:			
Traffic areas	(G) F P Y	(N)	
Excavation area	(G) F P Y	(N)	
(Other)	(G) F P Y	(N)	
Fencing:			
Site Perimeter	(G) F P Y	(N)	
Zone Separation	(G) F P Y	(N)	
(Other)	(G) F P Y	(N)	

Weekly Site Inspection Report No. 2009-1011
Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION		NEED REPAIR?	COMMENTS/OBSERVATIONS	
Docks:					
Barriers	(G)	F	P	Y	(N)
Signs (Other)	(G)	F	P	Y	(N)
G	F	P	Y	N	
Cameras:					
STACK HILL	(G)	F	P	Y	(N)
LOWERSITE	G	F	P	Y	N
	G	F	P	Y	N
Health & Safety Plans:					
Site Superintendent	G	(F)	P	(Y)	N WORKING ON U.S.
Construction Super.	G	(F)	P	(Y)	N
Other	G	F	P	Y	N

G=Good F=Fair P=Poor Y=Yes N=No

Misc. notes: RAIN EVEN O/S 10-17-04 Soils WASHED FROM STACK HILL LOTS #25 & 26 onto PRIVATE ASPHALT DRIVE. C.B. AT BOTTOM OF DRIVE NEEDS TO BE CHECKED & CLEANED.

WEATHER:

Day of Week	Summary of Weather Conditions	
Sunday 11	38° [#]	NNE WINDS 4 MPH/GUST 10 MPH, NO PRECIPITATION
Monday 12	44° [#]	NNE WIND 4 MPH/GUST 8 MPH, NO PRECIPITATION
Tuesday 13	47° [#] /57°	NNE WIND 4 MPH/GUST 8 MPH, PRECIP EVE-NIGHT 0.12"
Wednesday 14	59° [#] /59°	SSW WIND 5 MPH/GUST 18 MPH, PRECIP MORN. 3" EVE 0.25"
Thursday 15	48° [#] /61°	SWN WIND 3 MPH/GUST 6 MPH, NO PRECIPITATION
Friday 16	56° [#] /60°	NSW WIND 4 MPH/GUST 6 MPH, PRECIP AFTER NOON ^{0.5"} EVE
Saturday 17	56° [#] /65°	SW WIND 6 MPH/GUST 12 MPH, PRECIP MORN. NOON, EVE 2"

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 10/19/09

SIGNED:

Title/Qualification of Inspector: CONSTRUCTION OVERSIGHT / HEALTH & SAFETY OFFICER

Point
Ruston

Weekly Site Inspection Report No. 2009-1018
 Week of 10/18 - 24, 2009 Inspector JIM RUSHER
 Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION	NEED REPAIR?	COMMENTS/OBSERVATIONS	
Gates:				
North (electric)	(G)	F	P Y (N)	
South (electric)	(G)	F	P Y (N)	
Pond	(G)	F	P Y (N)	
Peninsula	(G)	F	P Y (N)	
Sym (Other) ELECT.	(G)	F	P Y (N)	
Signage:				
Gates	(G)	F	P Y (N)	
Perimeter	(G)	F	P Y (N)	
Safety	(G)	F	P Y (N)	
(Other)	G	F	P Y N	
Public Streets:				
Ruston Way	(G)	F	P Y (N)	
51 st & Gallagher	(G)	F	P Y (N)	
Stack Hill	(G)	F	P Y (N)	
(Other)	G	F	P Y N	Subs. Sweeping As Needed
BMPs:				
Berms	(G)	F	P Y (N)	
Waddles	(G)	F	P Y (N)	
Silt Fence	(G)	F	P Y (N)	
(Other)	G	F	P Y N	
Strom drains clean:				
Lower Site	(G)	F	P Y (N)	
Stack Hill	(G)	F	P Y (N)	
Stockpiles:				
Envirotac II	(G)	F	P Y (N)	
Plastic	(G)	F	P Y (N)	
Packed	(G)	F	P Y (N)	
Grass	(G)	F	P Y (N)	
Dust:				
Traffic areas	(G)	F	P Y (N)	
Excavation area	(G)	F	P Y (N)	
(Other)	G	F	P Y N	
Fencing:				
Site Perimeter	(G)	F	P Y (N)	
Zone Separation	(G)	F	P Y (N)	
(Other)	G	F	P Y N	

Weekly Site Inspection Report No. 2009-1018
Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION			NEED REPAIR?	COMMENTS/OBSERVATIONS
Docks:					
Barriers	(G)	F	P	Y	(N)
Signs (Other)	(G)	F	P	Y	(N)
	G	F	P	Y	N
Cameras:					
<u>STACK SITE</u>	(G)	F	P	Y	(N)
<u>LOWERSITE</u>	G	F	(P)	(Y)	N
	G	F	P	Y	N
Health & Safety Plans:					
Site Superintendent	G	(F)	P	(Y)	N
Construction Super.	G	(F)	P	(Y)	N
Other	G	F	P	Y	N

G=Good F=Fair P=Poor Y=Yes N=No

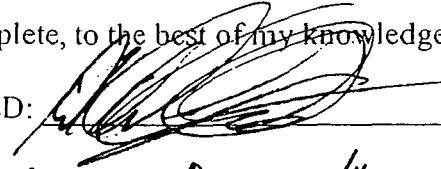
Misc. notes:

WEATHER:

Day of Week	Summary of Weather Conditions
Sunday 18	52/63 SWN WIND 4 mph/GUST 8 mph, PRECIP. MORN 0.08"
Monday 19	47/57 NNE WIND 4 mph/GUST 8 mph, NO PRECIPITATION
Tuesday 20	45/58 SWN WIND 3 mph/GUST 6 mph, NO PRECIPITATION
Wednesday 21	51/64 SW WIND 6 mph/GUST 15 mph, PRECIP MORNING 0.04"
Thursday 22	50/56 SWN WIND 3 mph/GUST 6 mph, NO PRECIPITATION
Friday 23	50/60 SW WINDS 7 mph/GUST 20 mph, PRECIP. MORN. TO NNON 0.16"
Saturday 24	43/55 SWN WIND 6 mph/GUST 10 mph, NO PRECIPITATION

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 10/26/09

SIGNED: 

Title/Qualification of Inspector: CONSTRUCTION Oversight/HEALTH + SAFETY OFCR.

*Point
Ruston*

Weekly Site Inspection Report No. 2009-1025
 Week of 10/25 - 31, 2009 Inspector Tim Ruston
 Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION	NEED REPAIR?	COMMENTS/OBSERVATIONS
Gates:			
North (electric) 5'	(G) F P Y	(N)	
South (electric)	(G) F P Y	(N)	
Pond	(G) F P Y	(N)	
Peninsula	(G) F P Y	(N)	
(Other) 54"	(G) F P Y	(N)	
Signage:			
Gates	(G) F P Y	(N)	
Perimeter	(G) F P Y	(N)	
Safety	(G) F P Y	(N)	
(Other)	G F P Y	N	
Public Streets:			
Ruston Way	(G) F P Y	(N)	
51 st & Gallagher	(G) F P Y	(N)	
Stack Hill	(G) F P Y	(N)	
(Other)	G F P Y	N	STREET SWEEPER HIRED.
BMPs:			
Berms	(G) F P Y	(N)	
Waddles	(G) F P Y	(N)	
Silt Fence	(G) F P Y	(N)	
(Other)	G F P Y	N	
Strom drains clean:			
Lower Site	(G) F P Y	(N)	
Stack Hill	(G) F P Y	(N)	
Stockpiles:			
Envirotac II	(G) F P Y	(N)	
Plastic	(G) F P Y	(N)	
Packed	(G) F P Y	(N)	
Grass	(G) F P Y	(N)	
Dust:			
Traffic areas	(G) F P Y	(N)	
Excavation area	(G) F P Y	(N)	
(Other)	G F P Y	N	
Fencing:			
Site Perimeter	(G) F P Y	(N)	
Zone Separation	(G) F P Y	(N)	
(Other)	G F P Y	N	

Weekly Site Inspection Report No. 2009-1025
Operable Unit 02 – Asarco Tacoma Smelter Site (Point Ruston)

INSPECTION AREA	OVERAL CONDITION			NEED REPAIR?	COMMENTS/OBSERVATIONS
Docks: Barriers Signs (Other)	G	F	P	Y	N
	G	F	P	Y	N
	G	F	P	Y	N
Cameras: STUCK IN THE LOWERSITE	G	F	P	Y	N
	G	F	P	Y	N
	G	F	P	Y	N
Health & Safety Plans: Site Superintendent Construction Super. Other	G	F	P	Y	WORKING ON Y.S UPDATE
	G	F	P	Y	N
	G	F	P	Y	N

G=Good F=Fair P=Poor Y=Yes N=No

Misc. notes: M.C. HIRED STREET SWEEPER TO HELP CLEANUP AFTER LANDSCAPE & BLOCK WALL WORK.

- EXTENDED EXCLUSION ZONE NEAR S. GATE FENCED W/ CHAINLINK & ORANGE FENCE AROUND NEW SEDIMENT POND.
- RENDER BOARDS SET FOR ANTICIPATED ROAD CLOSURE.

WEATHER:

Day of Week	Summary of Weather Conditions
Sunday 25	38/50 SE SW WIND 2 mph / GUST 6 mph, NO PRECIPITATION
Monday 26	45/53 SW WINDS 7 mph / GUST 15 mph, PRECIP. MORNING 0.25"
Tuesday 27	38/53 SW WINDS 4 mph / GUST 6 mph, NO PRECIPITATION
Wednesday 28	39/49 SW WINDS 3 mph / GUST 5 mph, NO PRECIPITATION
Thursday 29	44/56 SW WIND 8 mph / GUST 20 mph, PRECIP. MORNING 0.04"
Friday 30	55/63 SW WIND 10 mph / GUST 20 mph, PRECIP. EVENING 0.26"
Saturday 31	44/57 SW WIND 8 mph / GUST 15 mph, PRECIP. MORNING 0.12"

I certify that this report is true, accurate and complete, to the best of my knowledge and belief.

DATE: 11/2/09

SIGNED:

Title/Qualification of Inspector: CONSTRUCTION OVERSIGHT / HEALTH & SAFETY OF CR.